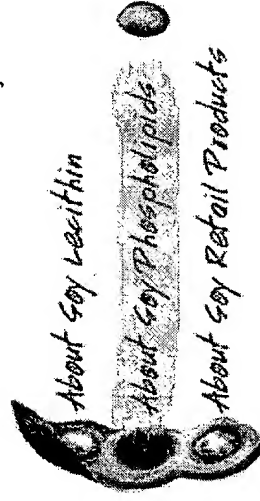


American Lecithin Company

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--Selecting the right product for your application needs:--

*(Phospholipids Applications  
Technical Literature  
Contact us)*

## ABOUT SOY PHOSPHOLIPIDS

Soybean lecithin is a complex mixture of phospholipids, glycolipids, triglycerides, sterols and small quantities of fatty acids, carbohydrates and sphingolipids.

The primary phospholipid components of lecithin are:

- Phosphatidylcholine (PC) (13%-18%)
- Phosphatidylethanolamine (PE) (10%-15%)
- Phosphatidylinositol (PI) (10%-15%)
- Phosphatidic acid (PA) (5%-12%)

American Lecithin Company phospholipids are fractionated under GMP conditions in an ISO 9002 facility using a specific soybean lecithin feedstock. Several of our phospholipid preparations have Drug Master Files registered with the USFDA. The soybean lecithin used to produce our phospholipids has a GRAS (Generally Recognized As Safe) declaration from the USFDA, as well. A USP XXIII/NF monograph also exists for soybean lecithin.

## AMERICAN LECITHIN PHOSPHOLIPIDS PRODUCT RANGE

<b>NATIPIDE ® Series</b>	<b>Instant Liposome Systems</b>
<b>NATIPIDE II</b>	Transparent gel containing empty liposomes ready to be loaded with actives of your choice.
<b>PHOSAL® Series</b>	<b>Phospholipid Solutions for Liposome Preparation</b>
<b>PHOSAL 25 PG</b>	A dispersion of 25% phosphatidylcholine in a propylene glycol/ethanol carrier.
<b>PHOSAL 35 SB</b>	Phospholipid fraction containing 35% phosphatidylcholine in a liquid carrier. Used mainly for fill in soft gelatin capsules as a primary source of phosphatidylcholine. Triple the strength of ordinary lecithin; important in soft gelatin capsules as a nutritional source of phosphatidylcholine.
<b>PHOSAL 50 PG</b>	A dispersion of 50% phosphatidylcholine in a propylene glycol/ethanol carrier.
<b>PHOSAL 50 SA</b>	Pre-liposome system containing 50% phosphatidylcholine in an oil carrier.
<b>PHOSAL 53 MCT</b>	Pre-liposome system containing 53% phosphatidylcholine in medium chain triglycerides; can be used in soft gelatin capsules.
<b>PHOSAL 75 SA</b>	A pre-liposome system containing 75% phosphatidylcholine in an oil carrier.
<b>PHOSPHOLIPON ® Series</b>	<b>Phospholipid Fractions</b>
<b>PHOSPHOLIPON 90G</b>	Minimum 94% phosphatidylcholine for the manufacture of liposomes.
<b>PHOSPHOLIPON 90H</b>	Minimum 90% phosphatidylcholine, fully hydrogenated, for the manufacture of liposomes.
<b>PHOSPHOLIPON 80</b>	Minimum 73% phosphatidylcholine for the manufacture of liposomes.
<b>PHOSPHOLIPON 80H</b>	Minimum 60% phosphatidylcholine, fully hydrogenated; ideal for decorative cosmetics and skin care where oxidation is a concern.
<b>PHOSPHOLIPON 85G</b>	Minimum 85% phosphatidylcholine with minor amounts of phosphatidylinositol and phosphatidylethanolamine.
<b>PHOSPHOLIPON 100H</b>	TLC pure phosphatidylcholine, fully hydrogenated.
<b>ALPHA-GPC</b>	Pure Glycerophosphatidylcholine powder.

ALCOLEC® GPC Compound	Glycerophosphatidylcholine (GPC) powder minimum 50%.
<b>PHOSPHATIDYLSERINE® Series</b>	<b>Phosphatidylserine Fractions</b>
<u>Alcolec® PS 20 P</u>	Minimum 20% Phosphatidylserine
<u>Alcolec® PS 40 P</u>	Minimum 40% Phosphatidylserine
<u>Alcolec® PS 50 P</u>	Minimum 50% Phosphatidylserine
<u>Alcolec® PS 85 P</u>	Minimum 85% Phosphatidylserine

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